

GROUND-WATER LEVELS
WAKE COUNTY—Continued

354400078403401. County number, WK-288; DENR Lake Wheeler Research Station PZ-1.

LOCATION.--Lat 35°44'00.3", long 78°40'34.0", Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on NCSU Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Raleigh Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 50 ft, diameter 2 in., cased to 30 ft, screened interval from 30 to 50 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by DENR and USGS).

DATUM.--Land-surface datum is 354.87 ft above NGVD of 1929. Measuring point: Top of 2-inch casing, 1.97 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.11 ft below land-surface datum, Aug. 13, 2003; lowest water level measured 15.56 ft below land-surface datum, Aug. 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL								
OCT 03	15.07*	DEC 30	12.23*	MAR 05	11.68*	MAY 14	12.06	AUG 13	11.11*
NOV 04	13.28*	FEB 03	12.54*	APR 03	11.69*	JUL 09	11.38*	SEP 17	11.44*

*DENR measurements.

